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2836

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(s): Ryhanen

SERIAL NO.: 09/834,198

ART UNIT: 2836

FILING DATE: 4/12/02

EXAMINER: Demakis,  
James A.

TITLE: METHOD AND ARRANGEMENT FOR CONTROLLING  
MICROMECHANICAL ELEMENT

ATTORNEY

DOCKET NO.: 297-010255-US (PAR)

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT  
(37 C.F.R. §1.97(c)(1)/(e)(1))

Sir:

This Information Disclosure Statement is being filed pursuant to 37 C.F.R. §1.97(c) before the mailing date of any of a final action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application.

This Information Disclosure Statement is accompanied by the statement as specified in 37 C.F.R. 1.97(e)(1), that each item of information contained in this information disclosure statement was first cited in any communication from the foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

The above-identified patent application has a counter part foreign patent application EP patent application No. 20000888. Applicant's attorney encloses a copy of the Search Report issued for the counter part foreign application. The Search Report cites several references, listed below, which were provided with the Search Report, and are being disclosed to the Patent and Trademark Office as information that may be material to the examination of the above-identified patent application.

5,638,946

4,356,730

4,959,515

WO 95/01624

WO 98/34269

IBM Technical Disclosure Bulletin, Vol. 30, No. 6, November 1987,  
page 393

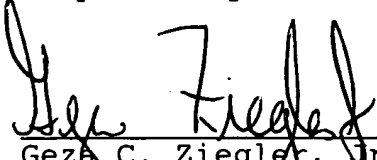
IBM Technical Disclosure Bulletin, Vol. 36, No. 07, July 1993  
Page 45

Patent Abstract of Japan, Publication No. 04058429, Feb. 25,  
1992, for Matsushita Electric Works, Ltd.

Copies of these references are enclosed together with a Form PTO-1449 for the Examiner's use.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,

  
\_\_\_\_\_  
Geza C. Ziegler, Jr.  
Reg. No. 44,004

5 August 2004  
Date

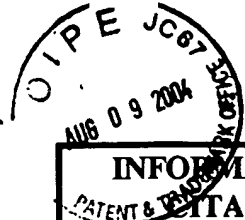
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**INFORMATION DISCLOSURE  
CITATION FORM FOR  
PATENT APPLICATION  
(FORM PTO-1449)  
(Substitute)**

Docket No.: 297-010255-US(PAR)

Serial No.: 09/834,198

Applicant(s): Ryhanen

Filing Date: 4/12/02

Group:

**U.S. PATENTS**

Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
	4,959,515	9/25/90	Zavracky et al.	200	181	2/6/87
	5,638,946	6/17/97	Zavracky	200	181	1/11/96
	4,356,730	11/2/82	Cade	73	517	1/8/81

**U.S. PATENT PUBLICATIONS**

Initials	Publication No.	Pub. Date	Name	Class	Sub-class	Filing Date

**FOREIGN PATENT DOCUMENTS**

Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a
	WO 95/01624	1/12/95	PCT	MIT	n/a
	WO 98/34269	8/6/98	PCT	CIT	n/a
	04058429	2/25/92	EPO	Matsushita Electric Works	n/a

**OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)**

	IBM Technical Disclosure Bulletin, Vol. 30, No. 6, November 1987, page 393
	IBM Technical Disclosure Bulletin, Vol. 36, No. 07, July 1993 Page 45
	Patent Abstract of Japan, Publication No. 04058429, Feb. 25, 1992, for Matsushi

Examiner's Signature:

Date Considered:

Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.